

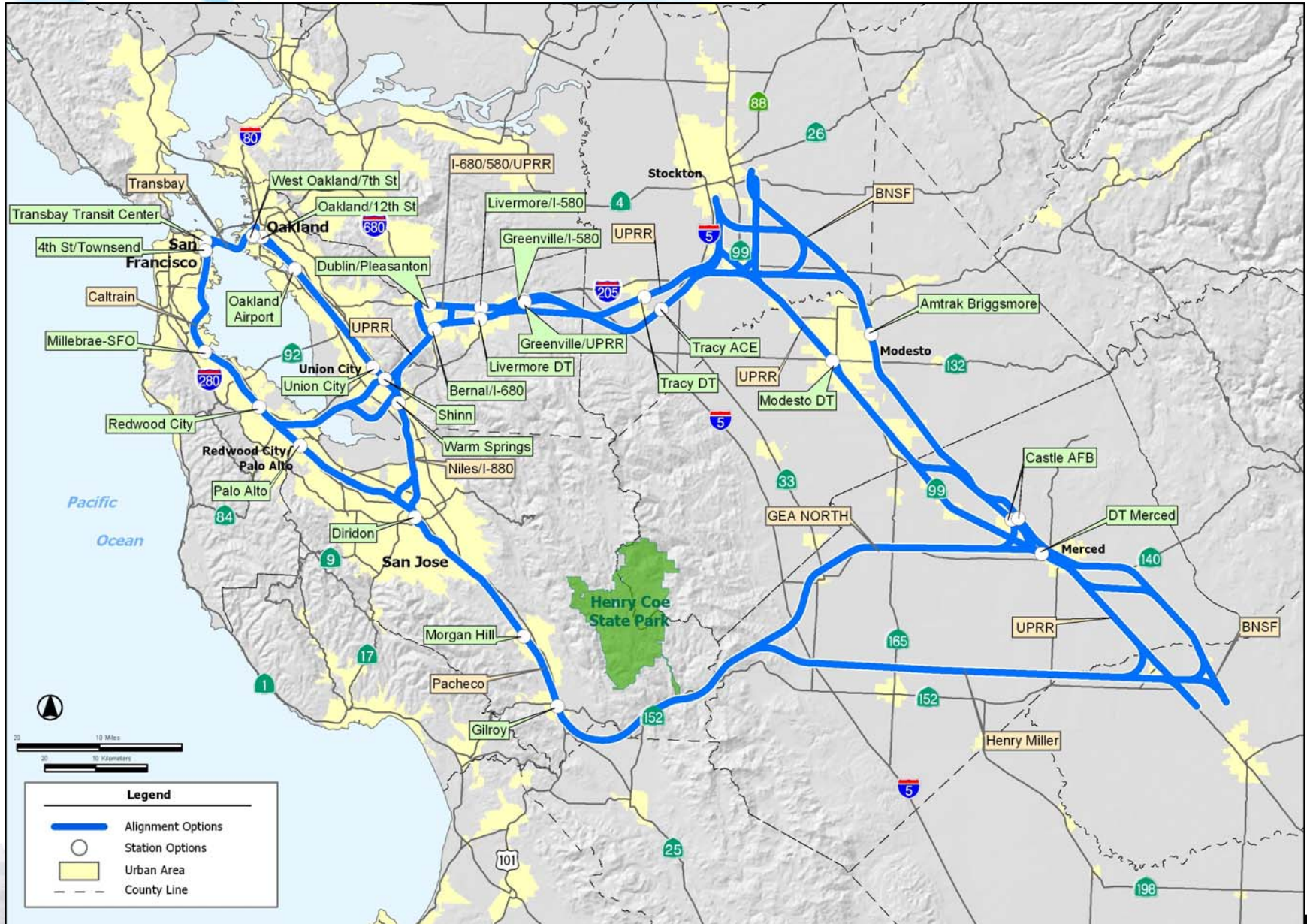


Travel Time Estimates

Bay Area to Central Valley Program EIR/EIS

California High-Speed Rail Authority

March 2, 2007



Statewide Preferred Alignment and Station Options



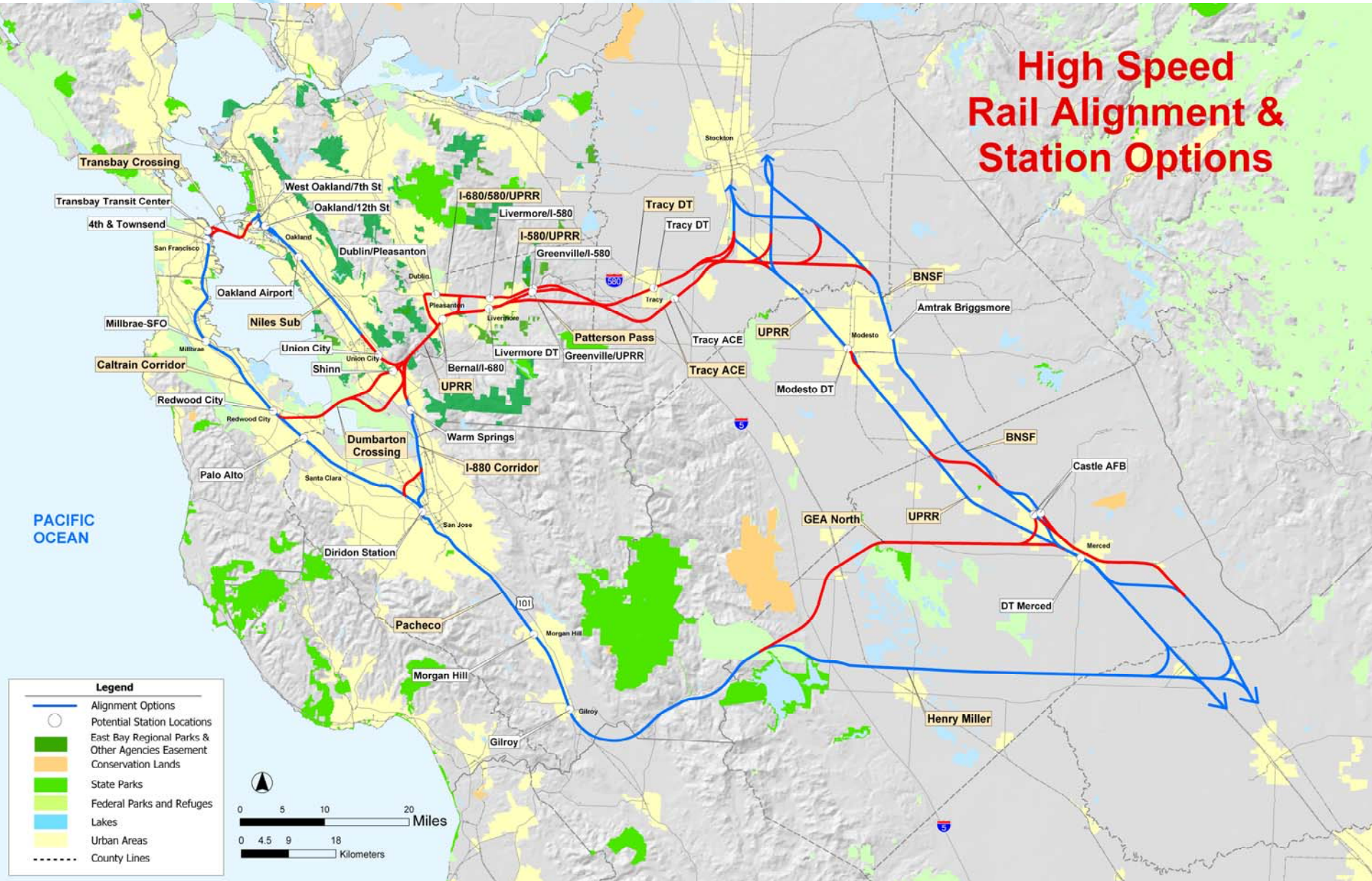
Basis for Estimate

- Simulation Model
 - Berkley Simulation Software (BSS)
 - Rail Traffic Controller (RTC)
 - Accurate representation of
 - Rail Infrastructure
 - Train Performance
 - System Dispatching



Model Inputs

High Speed Rail Alignment & Station Options



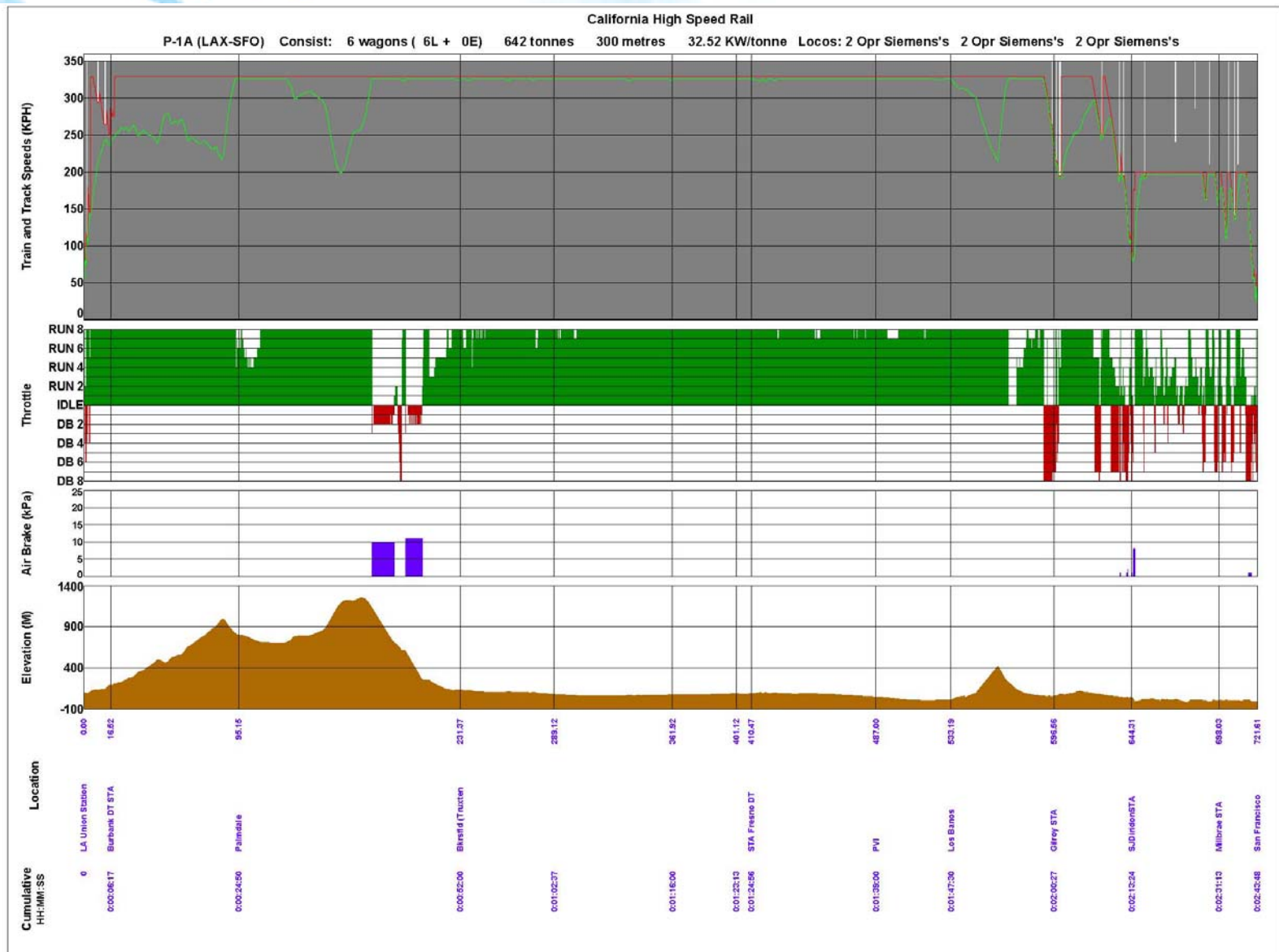


Model Inputs

- Operating and Service Plan
 - Service Types:
 - Express
 - Semi-Express
 - Suburban Express
 - Local
 - Regional
- Train Performance Specifications
- Alignment Data



Model Output





Travel Time Summary Table

OPTIMAL EXPRESS TRAVEL TIMES (350 kph)
Altamont Pass Test Alignment B (I-580 / UPRR)
and
Pacheco Pass Test Alignment B (Caltrain/Gilroy/Henry Miller/UPRR)
(Station to Station)

<div>Travel Time (hh:mm)</div> <div>Altamont</div> <div>Pacheco</div> <div>Travel Time (hh:mm)</div>	San Francisco (Transbay)	Oakland (7th)	San Jose	Sacramento	Fresno	Los Angeles Union Station	San Diego	
San Francisco (Transbay)	N/A	N/A	N/A	01:06	01:18	02:36	03:54	San Francisco (Transbay)
Oakland (7th)	N/A	N/A	N/A	00:53	01:04	02:23	03:40	Oakland (7th)
San Jose	00:30	00:22	N/A	00:49	01:01	02:19	03:37	San Jose
Sacramento	01:47	01:38	01:18	N/A	00:59	02:17	03:35	Sacramento
Fresno	01:20	01:12	00:51	00:53	N/A	01:24	02:42	Fresno
Los Angeles Union Station	02:38	02:30	02:09	02:11	01:24	N/A	01:18	Los Angeles Union Station
San Diego	03:56	03:48	03:27	03:29	02:42	01:18	N/A	San Diego
	San Francisco (Transbay)	Oakland (7th)	San Jose	Sacramento	Fresno	Los Angeles Union Station	San Diego	

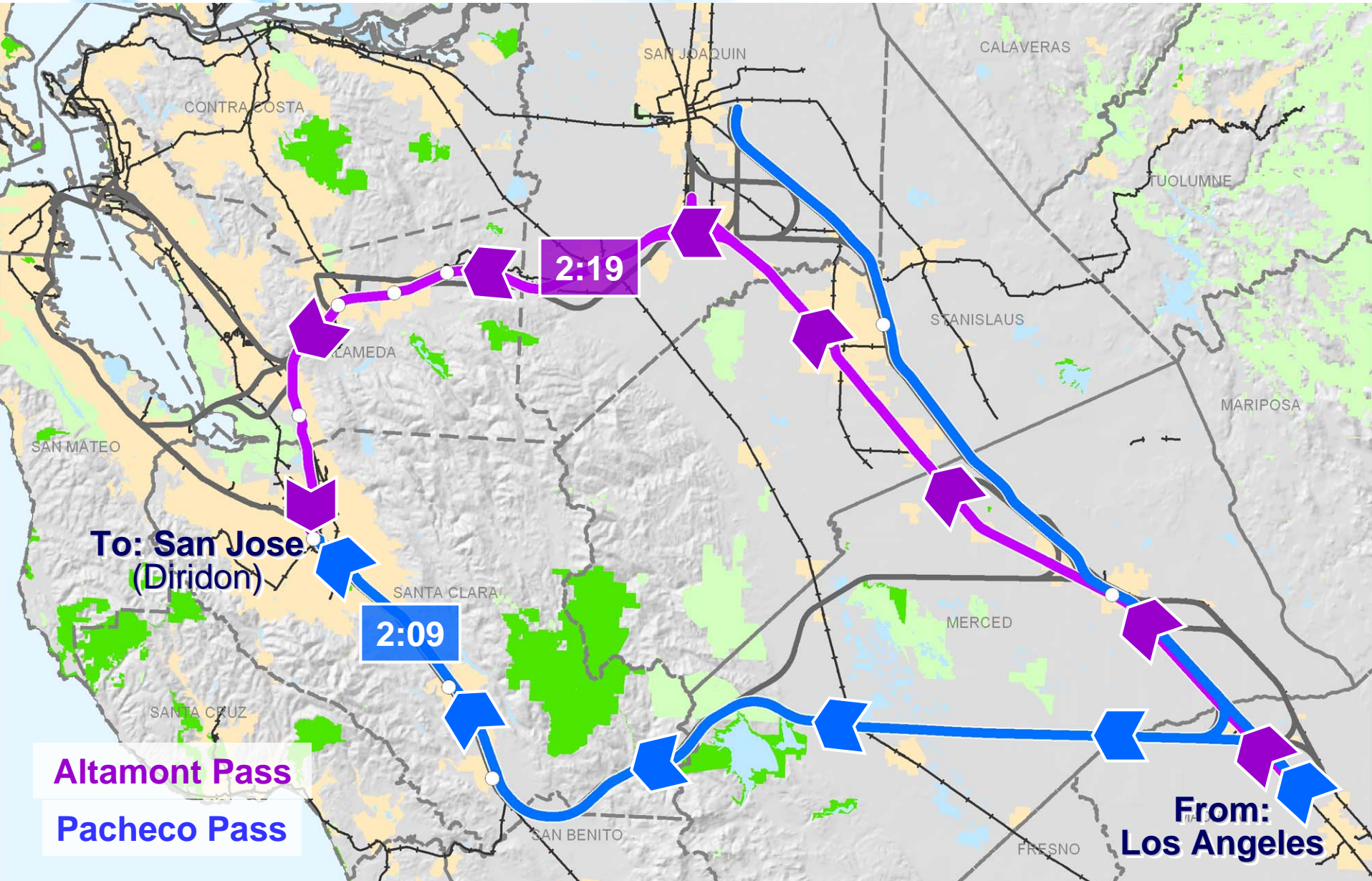
NOTE: ALL TIMES PRELIMINARY AND SUBJECT TO CHANGE PENDING FURTHER DEFINITIONS OF ALIGNMENTS IN THE BAY AREA TO CENTRAL VALLEY STUDY.

N/A	Not Applicable
	Altamont Pass Test Alignment
	Pacheco Pass Test Alignment



Express Travel Times

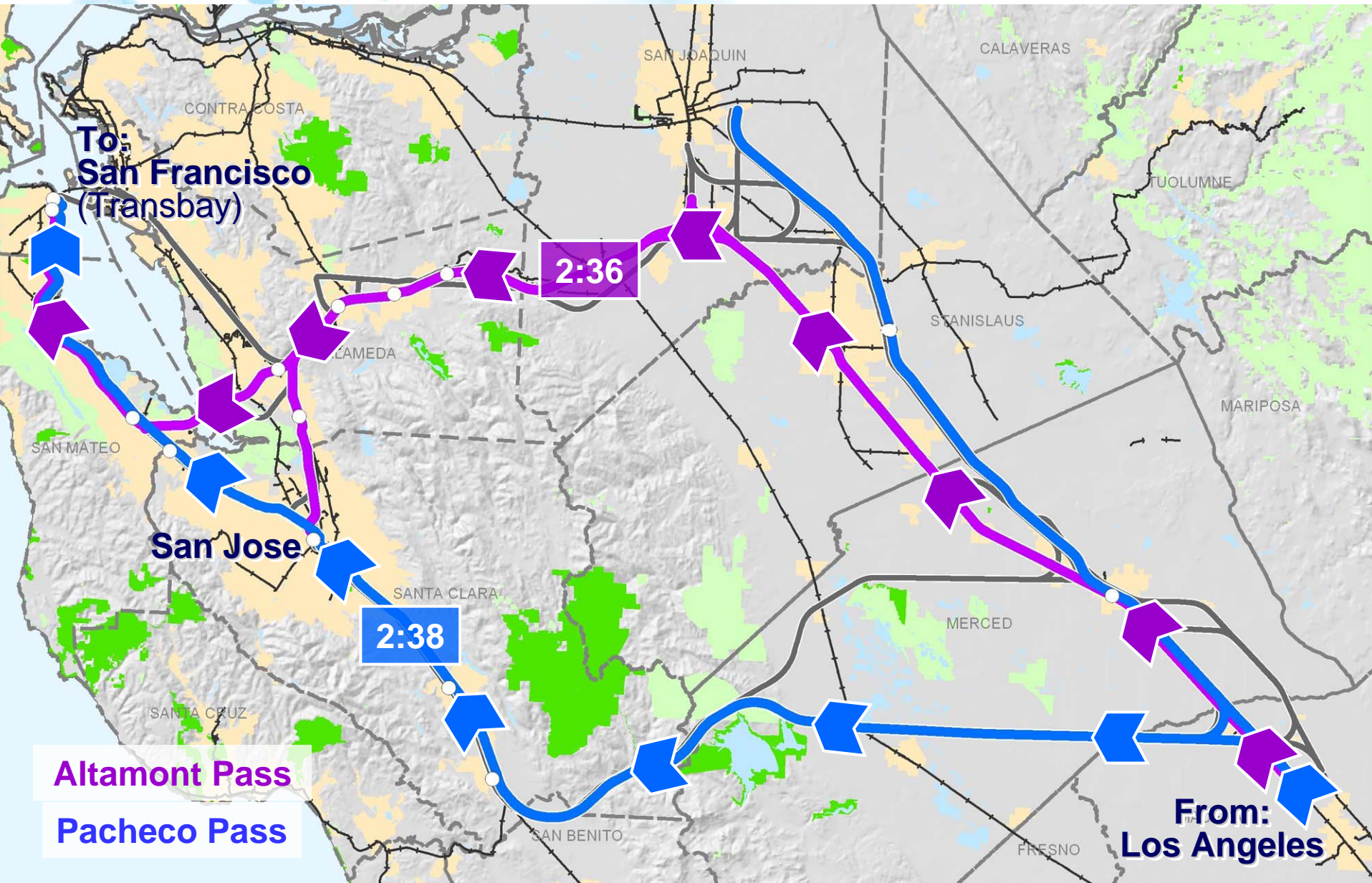
Los Angeles to San Jose Termini





Optimal Express Travel Times

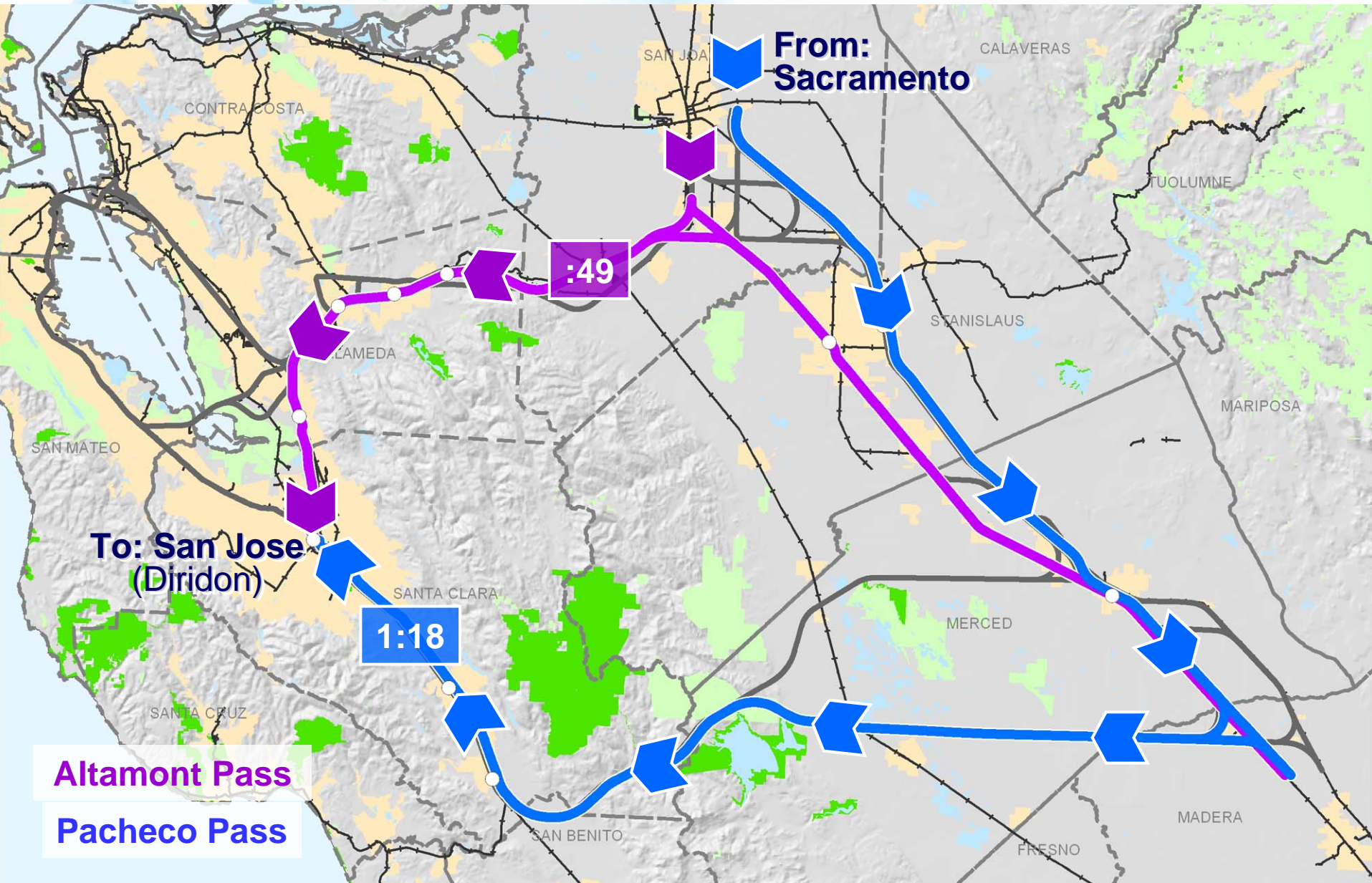
Los Angeles to San Francisco Termini





Optimal Express Travel Times

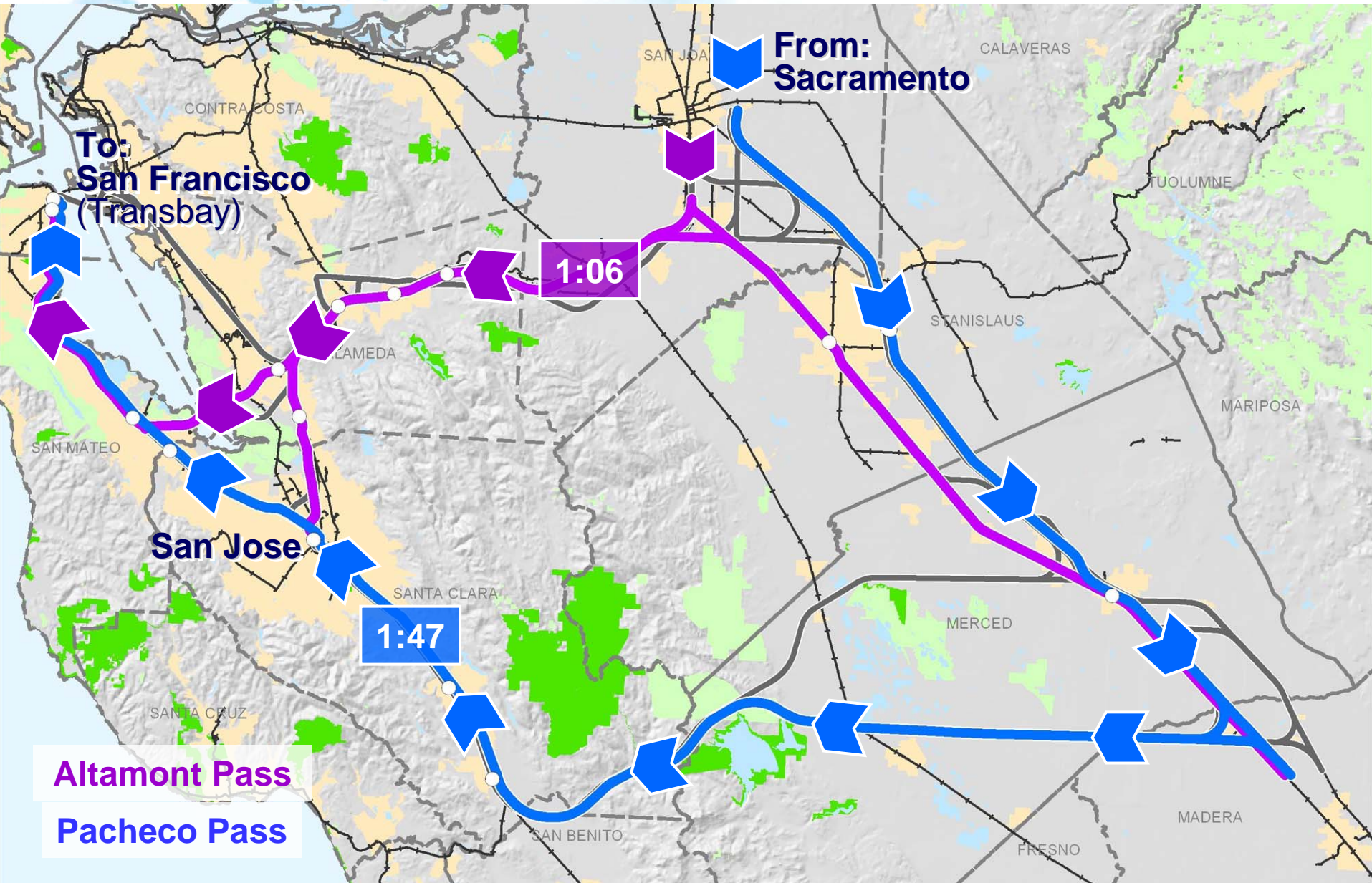
Sacramento to San Jose Termini





Optimal Express Travel Times

Sacramento to San Francisco Termini





Questions & Answers



California High Speed Rail

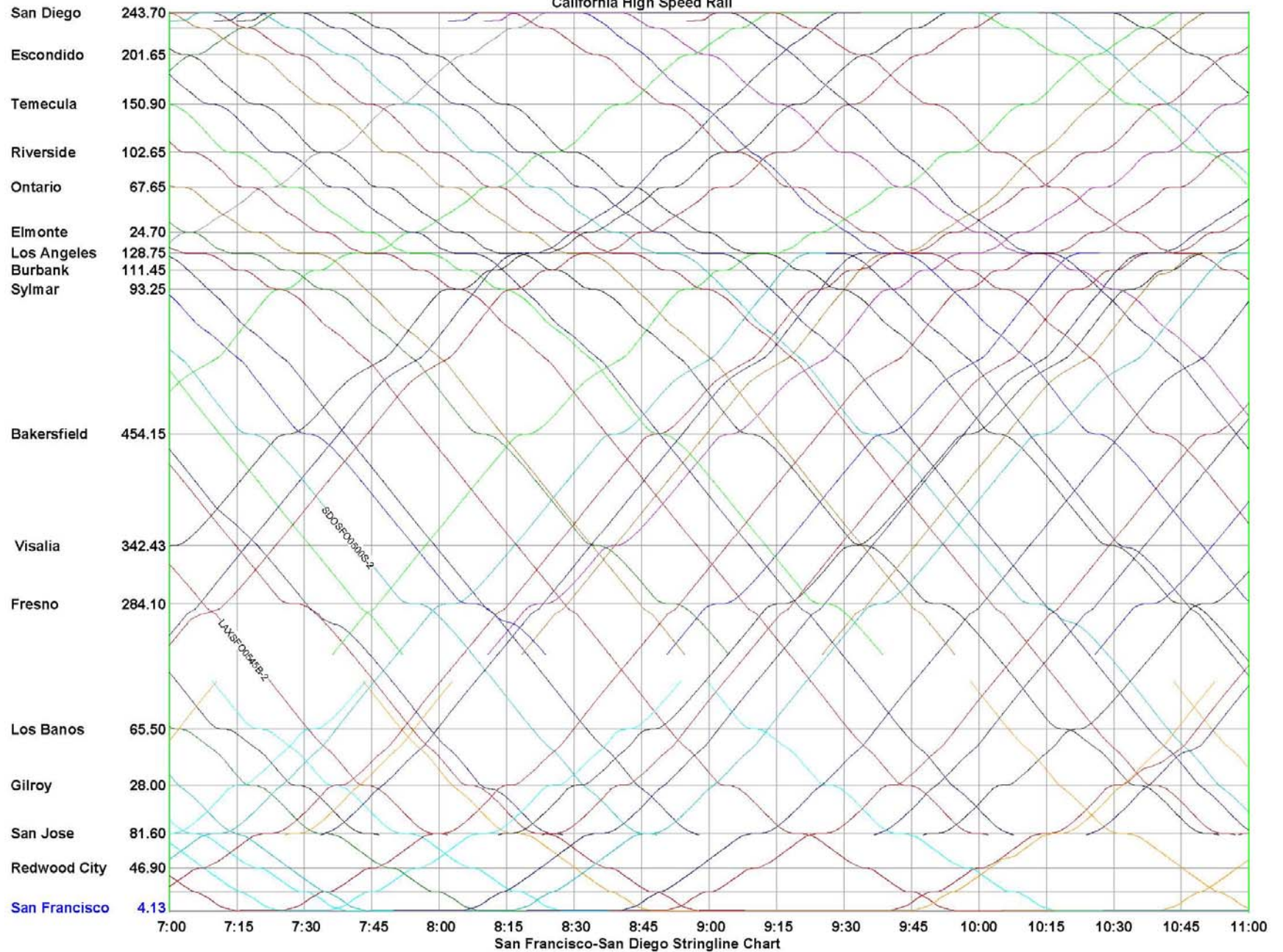


Figure 8